



INDIAN NOTICES TO MARINERS FOR 2009

(PUBLISHED ON NHO WEBSITE ON 1ST & 16TH OF EVERY MONTH)

EDITION No. 08 DATED 16 APR 2009

(CONTAINS NOTICES 156 TO 167)

REACH US 24 HOURS A DAY



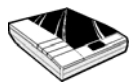
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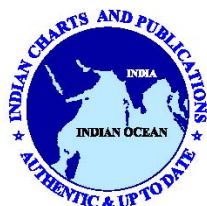
Mariner's Obligation and A Chart Maker's Plea. Observing changes at sea proactively and reporting them promptly to the concerned charting agency, is an obligation that all mariners owe to the entire maritime community towards SOLAS. Mariners are requested to notify the Chief Hydrographer to the Govt. of India at the above mentioned address/fax number/ E mail ID immediately on discovering new or suspected dangers to navigation, changes/defects pertaining to navigational aids, and short comings in Indian charts/publications. The Hydrographic Note [Form IH – 102] is a convenient form to notify such changes. Specimen form is attached at Section IX with N to M editions 1, 7, 13 and 19.

**Chief Hydrographer
to the Government of India**

**National Hydrographic Office
Post Box No. 75
Dehradun 248 001
India**

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For the Indian Ocean Area
INSIST ON INDIAN CHARTS AND
PUBLICATIONS
(Original, Authentic and Most Up-to-date)

EXPLANATORY NOTES

Corrections to Charts and Publications. Section I comprises List of Charts affected by the notices contained in this edition. Where as sections II and III contain information for correcting the charts and publications. Mariners should insist on corrected charts from their chart distributors/agents.

- (a) Geographical positions given are in the horizontal datum of the current edition of the chart, unless otherwise stated.
- (b) Bearings are true, reckoned clockwise from 000° to 359°. Bearings to lights are from seaward.
- (c) Symbols referred to, are those shown on the chart INT 1 (5020).
- (d) Alterations to depth contours, deletion of depths to make way for new detail, etc; are not normally mentioned, unless they have some navigational significance.
- (e) Blocks and notes, if any, accompanying the Notices in Sections II and III are placed after Section IX.

Temporary and Preliminary Notices. These are indicated by (T) and (P) respectively after the Notice number and are placed in Section III. Sl Nos. of those in force are published quarterly on 01 Jan, 01 Apr, 01 Jul and 01 Oct, and their text is published in Annual Edition of Indian Notices to Mariners. These corrections are not inserted on charts before they are issued to the users. They should be inserted in pencil, by the user, on receipt.

Source of Information. A star preceding the number of a Notice indicates that the notice is promulgated by INHO based on original information received.

Sailing Directions. Corrections for the Sailing Directions (Pilots) are given in Section VI.

Lights. Corrections to Indian list of Lights are given in Section VII, where affected Light List number is quoted.

- (a) These corrections should be incorporated as per instructions given on page XI of the list of Lights.
- (b) Such correction notices to list of lights may be published in either an earlier or a later Edition of N to M than the Edition containing the Notice to the chart correction.
- (c) The range of a light given is its nominal range. Its geographical range is given in parenthesis only if it is less than the nominal range.
- (d) A star indicates that the corresponding field is to be amended and all stars indicate that new light is to be inserted.

Radio Signals. The corrections in Section VIII should be cut and pasted in the appropriate volume of the List of Radio Signals.

Radio Navigational Warnings.

- (a) These are broadcast as serially numbered NAVAREA warnings by the concerned NAVAREA coordinator through GMDSS and Area Radio Broadcasts.
- (b) They contain important information affecting navigational safety, which cannot await the publication of the next edition of N to M.
- (c) It should be borne in mind that they may be based on reports which can not always be verified before promulgation.
- (d) It is therefore necessary to be selective, and promulgate only the more important warnings to avoid over loading users; the less important information is included in the forthcoming edition of N to M or the Chart/publication concerned.

Laws and Regulations. While in the interest of the safety of shipping, the Hydrographic Office makes every endeavor to include in its publications details of the laws and regulations of all countries pertaining to navigation, it must be clearly understood: -

- (a) That no liability whatsoever can be accepted for failure to publish details of any particular law or regulation
- and
- (b) That publication of details of a law or regulation is solely for the safety and convenience of shipping and implies no recognition of the International validity of the law or regulation.

Correction of Charts and Publications by the users. Notices to Mariners contain important information concerning safety of navigation at sea, hence, they should be used to keep the specified Charts and publications up to date.

Reliance on Charts and Associated Publications. While every effort is made by the Hydrographic Office to ensure the accuracy of the information on Charts and Publications before they are published, it should be appreciated that it may not always be complete and up-to-date. The mariner must be the final judge for the reliance he can place on the information available, bearing in mind his particular circumstances, local pilotage guidance and judicious use of available navigational aids.

Use of Global Positioning System (WGS 84) positions.

- (a) The positions of Hydrographic objects shown on most of the Indian charts and publications are in Everest datum. However, the positions of vessels obtained from Global Positioning System (GPS) are on World Geodetic System 1984 datum. There will always exist a difference in the position values obtained by visual fixing (Everest Datum) and GPS position (WGS 84 datum).
- (b) Where ever these differences have been ascertained, their average values are published as a cautionary Note on the chart concerned, as shifts in Latitude and Longitude. Whilst plotting GPS positions on charts, the shift values as given on the chart must be applied, before making any assessment of the navigational situation vis-à-vis the other charted information.
- (c) These datum shift values are not uniform, particularly in areas off Andaman & Nicobar and Lakshadweep Islands, as these places are not linked to mainland network (Everest datum). Mariners are advised to use alternate source of position information such as Visual or Radar, particularly when closing the shore or navigating in the vicinity of dangers.

Source Data on Charts. All Indian charts contain specific information on their source of hydrographic data. In areas where the source data is very old, incomplete and less reliable, the mariner must use such Charts with prudence. Mariner should always use the largest scale charts available for the area. Apart from being the most detailed, the larger scale charts are usually corrected first. Hydrographic information may be sparse on small scale charts. On such charts, a charted shoal may be in error as regards position, least depth and extent. Uncharted dangers may also exist, particularly in areas away from well-established routes. Mariners must exercise due caution.

Further Guidance. The Mariner's Hand Book (NP 100) gives full explanation on the use of charts and the type of information contained on charts. In their own interest, all users of charts should refer to it.

INDIAN CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

(a) **NEW PUBLICATION**

<i>Publication</i>	<i>Price</i>	<i>Remarks</i>
INDIAN 5020 – SYMBOLS AND ABBREVIATIONS Edition 01/2009	Rs. 680.00	

(b) **NEW INDIAN ELECTRONIC NAVIGATIONAL CHARTS**

<i>Sl. No.</i>	<i>Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
1	<i>IN63036C</i>	3036	CHEMPLAST SANMAR CUDDALORE TERMINAL	28-02-2009
2	<i>IN42083A</i>	2083	APPROACHES TO SIKKA	31-05-2008

(c) **NEW EDITION ELECTRONIC NAVIGATIONAL CHART**

<i>Sl. No.</i>	<i>Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
1	<i>IN62055M</i>	2055	MULDWARKA PORT	31-03-2009

(d) **ENCs PERMANENTLY WITHDRAWN**

<i>Sl. No.</i>	<i>Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
1	<i>IN52083S</i>	2083	APPROACHES TO SIKKA	31-05-2001
2	<i>IN62055M</i>	2055	MULDWARKA PORT	31-12-2005

(e) **FORTHCOMING CHARTS**

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2051	SALAYA HARBOUR	25,000	New Chart
354 (INT 7408)	SACRAMENTO SHOAL TO KALINGAPATNAM	300,000	New Edition
2100	APPROACHES TO PORT PIPAVAV PORT PIPAVAV	50,000 10,000	New Edition
2056	JAFARABAD HARBOUR	25,000	New Chart
2503	APPROACHES TO CARGADOS CARAJUS SHOALS	75,000	New Chart

SECTION – I**List of charts affected by****The Notices 156 to 167 contained in this Edition**

CHART NUMBER	FOLIO NO.	NOTICE NO.
32(INT 754)	5	159
203(INT 7319)	2	166(T)
207	2	167(T)
254(INT 7331)	2	167(T)
273	4	158
288	1	164
289	1	164
292(INT 7021)	2	167(T)
313	5	159
354(INT 7408)	5	161
356(INT 7400)	5	159
357(INT 7397)	5	159
360	7	163
361	7	163
391	5	159,161
2001	3	157
2068	2	166(T)
2081	2	156
3004(INT 7403)	5	159
3012(INT 7411)	5	162
3021	7	163
3031	5	160
7508(INT 508)	7	165
7708(INT 708)	1	165






SECTION – II: PERMANENT NOTICES
INDIAN HYDROGRAPHIC CHARTS AND PUBLICATIONS

***156/(08/09) INDIA – WEST COAST – Plans on the Gujarat Coast – Simar Anchorage – Lights.**

Source: INS Jamuna

(HJ/1130/08)

Chart 2081 (Plan - Diu and Nawabandar Anchorages) [previous update 622/08]



Substitute		for		F.R.11m.5M(Sep to May)	20° 45'·48N., 71° 04'·95E.
		for		F.G.3s.11m.5M(Sep to May)	20° 45'·42N., 71° 05'·00E.
Delete		F.9m2M(Sep to Jun)	(a)	20° 45'·80N., 71° 09'·15E.	
		FS close NE of;		(a) above	

*** 157/(08/09) INDIA – WEST COAST – Mumbai Docks – Anchoring area. Anchoring Prohibited area.**

Source: NHO Dehradun

(HJ/1030/87)

Chart 2001 [previous update NE 31 Dec 08]

Delete	anchorage area,		joining;	19° 00'.00N., 72° 53'.28E.(N Border)
				18° 59'.61N., 72° 53'.11E.
			(a)	18° 58'.73N., 72° 53'.50E. (E Border)
Insert	anchorage prohibited area,		joining;	18° 59'.92N., 72° 53'.25E.(Shore)
				18° 59'.69N., 72° 53'.15E.(Shore)
				18° 59'.57N., 72° 53'.13E.(Shore)
			(a)	above

*** 158/(08/09) INDIA –LAKSHDWEEP – Androth Island – Light.**

Indian List of Lights Vol F & K- 2003; F:- 0755, 0755.2

Source: NHO Dehradun.

(HJ/1030/06)

Chart 273 [previous update 052/09]



Delete	obscd sector, pecked line with associated legend, 'obscd' at light	10° 48'.9N., 73° 42'.1E.
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***159/(08/09) INDIA - EAST COAST – Chennai Harbour – Light. Data Buoy.**


ILRS, INP 31(2), 2007; 79140

Indian List of Lights Vol F & K- 2003; F:- 0938

Source: NHO Dehradun

*(HJ/1029/39)***Chart 32(INT 754)** *[previous update 147/09]*Delete  DirFl.15M,Racon(C) 13° 07′.0N., 080°18′.0E**Chart 391** *[previous update 147/09]*Delete  DirFl.WRG.26m15M,Racon(C) 13° 07′.1N., 080°17′.9E**Chart 356(INT 7400)** *[previous update 144/09]*Delete  DirFl.WRG.26m15M,Racon(C) 13° 07′.0N., 080°18′.0E**Chart 357(INT 7397)** *[previous update 123/09]*Delete  DirFl.WRG.26m15M,Racon 13° 07′.0N., 080°18′.0E**Chart 313** *[previous update 464/08]*Delete  DirFl.WRG.26m15M(13M),Racon 13° 07′.0N., 080°18′.0E**Chart 3004(INT 7403)** *[previous update NE 30 Jun 08]*Delete  Fl(5).20s.6M
ODAS
SW6 13° 05′.49N., 080°19′.18E***160/(08/09) INDIA - EAST COAST – Krishnapatnam Anchorage – Wreck.**

Source: INS Nirupak

*(HJ/1029/49)***Chart 3031(Krishnapatnam Anchorage)** *[previous update 122/08]*Delete  PA 14° 14′.92N., 080°08′.60E

***161/(08/09) INDIA - EAST COAST – Ramaypatnam to Sacramento shoal – Wrecks. Foul.**

Source: NHO Dehradun

(HJ/1029/67)

Chart 391 [previous update 159/09]

Delete  16° 34′.5N., 082°19′.1E
16° 36′.2N., 082°20′.4E

Chart 354 (INT 7408) [previous update 147/09]

Delete  16° 34′.3N., 082°19′.3E
 16° 34′.5N., 082°19′.2E
16° 36′.2N., 082°20′.2E

***162/(08/09) INDIA - EAST COAST – Visakhapatnam Harbour – legend. Cautionary Note.**

Source: NHO Dehradun

(HJ/1029/76)

Chart 3012(INT 7411) [previous update 208/08]

Insert legend, See Note, centered on; 17° 41′.71N., 083°18′.36E
accompanying note 'Fishing harbour' centered on; 17° 39′.50N., 083°16′.18E

***163/(08/09) BANGLADESH – Approaches to Chittagong – Wrecks. Buoys.**

Source: Chittagong Port Authority

(HJ/1128/28)

Chart 360 [previous update 629/08]

Insert  PA 22° 18′.16N., 091°43′.35E
22° 13′.00N., 091°46′.30E

Delete  PA 22° 12′.00N., 091°46′.00E

Chart 361 [previous update 629/08]

Insert  PA 22° 18′.16N., 091°43′.35E
22° 13′.00N., 091°46′.30E

Delete  PA 22° 12′.00N., 091°46′.00E

163/(08/09) BANGLADESH – Approaches to Chittagong – Wrecks. Buoys.(Continued)*Chart 3021** [previous update 588/08]











Insert		PA	(a)	22° 18′.16N., 091°43′.35E
			(b)	22° 13′.00N., 091°46′.30E
		Fl(2)5s, close N of;	(a)	above
		Fl.5s, close N of;	(b)	above
Delete		PA		22° 12′.00N., 091°46′.00E

Chart 3021(Plan – Chittagong) [previous update 588/08]

Insert		PA	(a)	22° 18′.16N., 091°43′.35E
			(b)	22° 13′.00N., 091°46′.30E
		Fl(2)5s, close N of;	(a)	above
		Fl.5s, close N of;	(b)	above
Delete				22° 13′.95N., 091°49′.33E
		PA		22° 12′.00N., 091°46′.00E
				22° 14′.20N., 091°49′.27E

164/(08/09) QATAR - Approaches to Ra.s Laffan - Buoyage.

Source: BA Notice 1620/09

(HJ/1132/58)

Chart 288 [previous update 069/09](WGS 84 Datum)

Insert		Fl(5)Y		25° 52′.60N., 51° 58′.73E.
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Chart 289 [previous update 118/09] (WGS 84 Datum)

Insert		Fl(5)Y		25° 52′.60N., 51° 58′.73E.
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165/(08/09) INDONESIA - Jawa - South Coast - Cilacap Westwards - Depth.

Source: BA Notice 1762/09

(HJ/827/22)

Chart 7508(INT 508) [previous update 635/08](UNDETERMINED DATUM)

Insert	depth 207 and extend 1000m contour SW to enclose			7° 43′.3S., 107° 20′.2E.
--------	--	--	--	--------------------------

Chart 7708(INT 708) [previous update 437/08] (UNDETERMINED DATUM)

Insert	depth 207 and extend 1000m contour SW to enclose			7° 43′.3S., 107° 20′.2E.
--------	--	--	--	--------------------------

SECTION – III: TEMPORARY AND PRELIMINARY NOTICES

***166(T)/(08/09) INDIA – WEST COAST – Gulf of Kachchh – Deep water route – Buoy.**

Source: DLL Jamnagar.

(HJ/1131/20)

1. Paga Buoy at position 22° 35′.46N, 69° 14′.01E has been relaid and lit.
2. ***Former INM 133(T)/09 is cancelled.***

Charts affected – 203(INT 7319) – 2068

***167(T)/(08/09) INDIA – WEST COAST – Diu Head to Gopnath Point – Seismic Survey.**

Source: NAVAREA VIII Warning 176/09.

(HJ/1130/08)

1. Seismic Survey in progress by Pacific Sword till 30 Jun 2009 in area bounded by

(a)	20-31.00N	071-40.00E	(b)	20-35.00N	071-40.00E
(c)	20-41.90N	071-50.49E	(d)	20-37.52N	071-50.62E
2. Vessel towing 2 in number 2500 metre long streamer cable with white flashing light at the end of the cable.
3. All vessels operating in vicinity are to give wide berth and exercise caution.
4. ***Cancel this Notice on 01 Jul 2009.***

Charts affected – 292(INT 7021) - 254(INT 7331) – 207.

SECTION – IV: MARINE INFORMATION

MUMBAI NAVTEX COAST STATION

MSI Promulgation by Mumbai NAVTEX Coast Station position 19° 05'00 N, 072° 50'00 E is closed for maintenance.

(Source - NAVAREA VIII Warning 305/08)

Distribution of Indian Paper Charts and Nautical Publications

Indian Nautical Charts and Publications from National Hydrographic Office, India are now available globally. Details of overseas chart agents are as follows:-

<p>*JEPPESEN MARINE Jeppesen India Pvt. Ltd. 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400 614 Ph: 91 22 65103668 Fax: 91 22 67939504 Email: info@c-map.co.in</p>	<p>*JEPPESEN MARINE Jeppesen Norway AS P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: info@c-map.no Site: www.c-map.no</p>	<p>C-Map US Commercial 133 Falmouth Road, Building 2, Postal Code: 02649, Mashpee, MA, America Ph: +1 (508) 477 8010 Fax: +1 (508) 539 4381 Email: info@c-map.com</p>
<p>C-Map (UK) Ltd. Systems House Delta Business Park Salterns Lane, Fareham, PO16 0QS, United Kingdom, Ph: +44 (0) 1329 517777 Fax: +44 (0) 1329 517778 Email: info@c-map.co.uk</p>	<p>Mari-Sys Pte Ltd. 20 Ayer Rajah Crescent, 08-21, SE 139964, Republic of Singapore Ph: +65 6776 1898 Email: info@mari-sys.com</p>	<p>Bogerd Martin NV, Oude Leeuwenrui 37 2000 Antwerp, Belgium Ph: +32 (3) 2134170 Fax: +32 (3) 2326167 Email: sales@martin.be Site: www.martin.be</p>
<p>Bogerd Martin Tianjin(China Branch) 2-B101 FTZ Hi-Tech Development Centre 131 Haibin 9 Road 300461 Tianjin China Ph: +86 22 257 62 721 Fax: +86 22 257 62 722 Email: charts-tj@martincn.com</p>	<p>C-Map Holland Paleiskade100 PO Box 7 1781 AR Den Helder, Holland Ph: +31 223 616 700 E Mail: CorMallie cor@chartworx.nl</p>	
<p>* Indicates C Map Norway AS has changed name to Jeppesen Marine Norway AS. Indicates C Map India has changed name to Jeppesen India.</p>		

TSUNAMI NOTICE

Major changes likely to have occurred in topography of coastline and bathymetry in Andaman & Nicobar islands, coasts of Andhra Pradesh, Tamilnadu, Kerala, Maldives and Srilanka as a consequence of recent earthquakes followed by Tsunami waves in South Asia. Number of uncharted wrecks/obstructions may also be encountered. Mariners are advised to exercise utmost caution and contact local authorities while approaching these areas.

SECTION – V: RADIO NAVIGATIONAL WARNINGS IN FORCE

1. For details of NAVAREA limits and organization/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2008.
2. **NAVAREA Warnings in force:** - The serial numbers of all the NAVAREA warnings in force as on 15 Apr 09, covering the entire world are listed below against the respective NAVAREA.

<u>NAVAREA No.</u>	<u>LOCATION</u>	<u>LAST NAVAREA</u>	<u>NAVAREA IN FORCE</u>
I	N.E. Atlantic	084	2007 Series: 019 050 247 293. 2008 Series: 341 377 387 . 2009 Series: 050 051 052 055 057 066 067 069 073 074 077 080 082 083 084.
II	E. Atlantic	085	2009 Series: 007 017 021 030 058 069 073 076 078 083 085.
III	Mediterranean	153	2008 Series: 412 512. 2009 Series: 051 091 094 095 100 101 115 116 117 118 119 120 125 130 137 141 143 145 147 149 150 151 152 153.
IV	N.W. Atlantic	121	2009 Series: Nil
V	W. Atlantic	731	2007 Series: 1078. 2009 Series: Nil.
VI	S.W. Atlantic	110	2009 Series: Nil.
VII	S.E. Atlantic	075	2009 Series: 028 035 040 051 055 057 059 071 074 075.
VIII	Indian Ocean	186	2009 Series: - 099 120 152 153 154 164 166 167 168 170 171 172 173 176 177 178 179 180 181 182 183 184 185 186

3. NAVAREA Warnings issued during the period from 31 Mar 09 to 15 Apr 09 (both dates inclusive) are as tabulated below:-

160 to 163. Cancelled.
<p>164. India West Coast – Arabian Sea. Charts 21 22 255 256 293 INT 705. Seismic survey will be carried out by Geo Natuna from 03 Apr to 20 May 2009 in area bounded by:</p> <p>(a) 18-36.73N 072-17.10E (b) 18-42.57N 072-40.23E (c) 18-23.20N 072-46.62E (d) 18-17.20N 072-23.72E</p> <p>2. The vessel is towing 06 seismic streamers of length 4000 metres each with yellow colour buoy flashing white light to mark the tail end of the cable. The seismic cables are immersed between 5 to 7 metres in the water</p> <p>3. All vessels operating in the area are to maintain a clearance of 06 Nm all around the vessel and exercise caution.</p> <p>4. Mariners are advised to use fairway west of Neelam, Heera & Ratna offshore development area and avoid using fairway east of Neelam, Heera and Ratna offshore development area.</p> <p>5. Cancel this message on 21 May 2009.</p>
165. Cancelled.

166. India East Coast – Bay of Bengal. Charts 32 356 357 INT 706. Seismic survey in progress by MV Northern Explorer and Osprey Explorer till 15 Apr in area bounded by:				
(a)	14-30.00N	081-15.00E	(b)	14-30.00N 084-00.00E
(c)	13-35.70N	084-00.00E	(d)	13-30.00N 083-50.80E
(e)	13-30.00N	083-40.00E	(f)	13-00.00N 083-40.00E
(g)	12-15.00N	083-30.00E	(h)	12-00.00N 083-30.00E
(j)	11-30.00N	083-15.00E	(k)	11-15.00N 082-15.00E
(l)	11-10.00N	081-45.00E	(m)	11-00.00N 081-15.00E
2. The vessel is towing a single streamer of 8500 meters length attached to a yellow coloured buoy with white flashing light.				
3. All vessels operating in vicinity are to maintain a clearance of 07 NM all around the vessel and exercise caution.				
4. Cancel this message on 16 Apr 2009.				
167. India West Coast- Off Mumbai. Charts 21 22 211 255 292 293 INT 705. Hydrographic Survey in progress by Hydrographic vessel till 10 May 2009 in area bounded by:				
(a)	18-51.68N	072-34.43E	(b)	18-51.95N 072-31.87E
(c)	18-54.43N	072-08.13E	(d)	18-55.00N 071-01.45E
(e)	19-47.00N	070-20.98E	(f)	19-47.00N 070-17.58E
(g)	18-56.55N	070-56.83E	(h)	19-08.53N 070-27.45E
(j)	19-06.28N	070-26.03E	(k)	18-54.12N 070-55.87E
(l)	18-48.12N	070-27.17E	(m)	18-45.50N 070-27.43E
(n)	18-52.00N	070-58.52E	(p)	18-26.33N 070-39.93E
(q)	18-24.58N	070-42.00E	(r)	18-52.38N 071-02.13E
(s)	18-51.85N	072-06.18E	(t)	18-51.72N 072-08.95E
(u)	18-49.20N	072-32.78E	(v)	18-48.62N 072-35.47E
(w)	18-51.68N	072-34.43E		
2. Extensive multibeam sounding and side scanning operation will be undertaken within the survey area using ship/boat.				
3. All vessels operating in vicinity are requested to maintain a safe distance of 02 NM and exercise caution.				
4. Cancel this message on 11 May 2009.				
168. India East Coast - Gopalpur. Charts 31 352 353 3005 INT 706. Firing Exercise will be carried out on following dates :				
	Date		Time	
	13 Apr to 15 Apr 2009		2330 UTC to 1800 UTC	
	16 Apr to 18 Apr 2009		2330 UTC to 1800 UTC	
	22 Apr to 24 Apr 2009		2330 UTC to 1800 UTC	
	26 Apr to 28 Apr 2009		2330 UTC to 1800 UTC	
2. Danger area bounded by				
(a)	19-14.60N	084-53.70E	(b)	19-37.05N 085-27.85E
(c)	18-46.05N	085-22.86E		
and arc of 42 NM radius joining point (b) and (c).				
3. Safe flying height 6100 metres.				
4. Cancel this message on 29 Apr 2009.				
169. Cancelled.				
170. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval Coast Battery from 0900 UTC to 1200 UTC on 17 Apr and 21 Apr 2009 respectively. Danger area bounded by				
(a)	09-58.08N	076-13.94E	(b)	09-58.08N 075-59.94E
(c)	09-43.08N	075-59.94E	(d)	09-44.08N 076-17.94E
2. Safe flying height 10000 meters.				
3. Cancel this message on 22 Apr 2009.				
171. India East Coast –Bay of Bengal. Charts 33 357 INT 706. Seismic Survey is in progress by CGG Alize from 09 Apr to 07 May 2009 in area bounded by:				
(a)	12-28.00N	080-26.00E	(b)	12-28.00N 081-03.00E
(c)	11-58.00N	080-41.00E	(d)	11-58.00N 080-03.00E
2. The vessel towing 08 in number 8000 meters long streamer cables attached to a orange coloured tail buoy with white flashing light and radar reflector.				
3. All vessels operating in vicinity to keep a safe distance of 06 NM all around the vessel and exercise caution.				
4. Cancel this message on 08 May 2009.				

172. Cancel NAVAREA VIII Message 121 of 2009. India West Coast – Arabian Sea. Charts 21 22 202 207 209 211

251 254 253 255 271 291 292 293 INT 705 INT 706. Present position of Oil rigs / Drill ships as follows

ABAN III	20-20.03N	071-07.53E
ABAN IV	18-45.23N	072-18.00E
ABAN V	19-34.25N	071-17.87E
BADRINATH	18-36.37N	071-21.93E
CE THROTON	18-50.92N	072-28.06E
DISCOVERY 1	20-20.17N	072-01.35E
ENERGY DRILLER	10-00.03N	075-38.85E
FG McCLINTOCK	17-45.38N	072-31.44E
GREATDRILL CHETNA	20-32.30N	072-08.89E
KEDARNATH	20-43.31N	072-38.83E
NOBLE GEORGE McLEOD	20-43.00N	072-19.06E
NOBLE CHARLIE YESTER	19-27.50N	071-22.93E
NOBLE ED HOLT	18-33.63N	072-14.93E
PRIDE HAWAI	20-05.31N	071-52.52E
PRIDE PENNSYLVANIA	19-32.00N	071-19.17E
RANDOLPH YOST	19-05.33N	072-06.88E
RON TAPPMAYER	19-12.00N	072-11.00E
SAGAR GAURAV	19-24.61N	071-21.26E
SAGAR KIRAN	19-24.05N	071-19.05E
SAGAR LAXMI	18-36.15N	071-01.63E
SAGAR PRAGATI	19-38.26N	071-19.93E
SAGAR RATNA	18-39.57N	072-09.37E
SAGAR SAMRAT	19-32.13N	071-18.81E
SAGAR UDAY	19-21.96N	071-19.57E
TRIDENT – 2	19-26.06N	071-24.27E
TRIDENT – 12	19-18.97N	071-18.60E
VIRTUE 1	19-25.35N	071-19.55E
DEEP DRILLER 4	19-19.80N	072-01.60E

2. Wide berth requested.

173. Cancel NAVAREA VIII Messages 122 133 and 140 of 2009. India East Coast– Bay of Bengal. Charts 31 32

33 301 351 352 353 354 355 356 357 3009 INT 706. Present position of Oil Rigs / Drill Ships as follows:

HERCULES 260	16-19.30N	081-47.00E
DISCOVERER 534	16-31.10N	082-31.80E
SAGAR VIJAY	16-35.70N	082-27.30E
HERCULES 258	16-40.30N	082-24.00E
ATWOOD BEACON	16-40.90N	082-28.60E
DEEP WATER FRONTIER	17-00.00N	082-28.00E
DEEP DRILLER I	16-41.80N	082-28.80E
PERRO NEGRO III	16-40.10N	082-25.70E
DISCOVERER SEVEN SEAS	16-03.50N	081-44.30E
DEEPWATER EXPEDITION	16-01.24N	082-47.10E
DEEP SEA MATDRILL	16-22.10N	081-57.80E
ACTINIA	15-22.30N	080-42.10E
ESSAR WILD CAT	16-42.30N	082-32.20E
SAGAR BHUSHAN	16-15.60N	082-11.20E
SAGAR JYOTI	16-22.10N	081-59.40E

2. Wide berth requested.

174 to 175. Cancelled.

<p>176. India West Coast – Arabian Sea. Charts 21 22 292 INT 705. Seismic Survey is in progress by Pacific Sword till 30 Jun 2009 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>20-31.00N</td> <td>071-40.00E</td> <td>(b)</td> <td>20-41.90N</td> <td>071-50.49E</td> </tr> <tr> <td>(c)</td> <td>20-37.52N</td> <td>071-50.62E</td> <td>(d)</td> <td>20-35.00N</td> <td>071-40.00E</td> </tr> </table> <p>2. Vessel towing two in number 2500 metres long streamer cables with white flashing light at the end of the cable.</p> <p>3. All vessels operating in area are requested to give wide berth and exercise caution.</p> <p>4. Cancel this message on 01 Jul 2009.</p>	(a)	20-31.00N	071-40.00E	(b)	20-41.90N	071-50.49E	(c)	20-37.52N	071-50.62E	(d)	20-35.00N	071-40.00E																		
(a)	20-31.00N	071-40.00E	(b)	20-41.90N	071-50.49E																									
(c)	20-37.52N	071-50.62E	(d)	20-35.00N	071-40.00E																									
<p>177. Cancel NAVAREA VIII Message 175 of 2009. India West Coast – Arabian Sea. Charts 21 22 292 293 INT 705. Seismic survey is in progress by Geowave Commander till 30 Apr 2009 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>19-56.00N</td> <td>071-22.00E</td> <td>(b)</td> <td>20-03.27N</td> <td>071-36.29E</td> </tr> <tr> <td>(c)</td> <td>19-59.00N</td> <td>071-52.63E</td> <td>(d)</td> <td>19-54.50N</td> <td>071-54.50E</td> </tr> <tr> <td>(e)</td> <td>19-45.00N</td> <td>071-22.00E</td> <td></td> <td></td> <td></td> </tr> </table> <p>2. The vessel is towing six seismic streamer of 6000 metres length the cable are just below the surface at 08 metres depth the trailing end are attached to tail buoys with radar reflector and flashing white lights spread over a width of approx 700 metres.</p> <p>3. All vessels operating in the area are to maintain a clearance of 05 NM all around the vessel and exercise caution.</p> <p>4. Cancel this message on 01 May 2009.</p>	(a)	19-56.00N	071-22.00E	(b)	20-03.27N	071-36.29E	(c)	19-59.00N	071-52.63E	(d)	19-54.50N	071-54.50E	(e)	19-45.00N	071-22.00E															
(a)	19-56.00N	071-22.00E	(b)	20-03.27N	071-36.29E																									
(c)	19-59.00N	071-52.63E	(d)	19-54.50N	071-54.50E																									
(e)	19-45.00N	071-22.00E																												
<p>178. India East Coast – Bay of Bengal. Charts 31 352 353 354 INT 706. Seismic Survey in progress by Geo Explorer till 15 Apr 2009 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>15-58.0N</td> <td>084-52.0E</td> <td>(b)</td> <td>18-28.0N</td> <td>084-27.0E</td> </tr> <tr> <td>(c)</td> <td>18-43.0N</td> <td>084-47.0E</td> <td>(d)</td> <td>18-37.0N</td> <td>086-11.0E</td> </tr> <tr> <td>(e)</td> <td>19-43.0N</td> <td>086-12.0E</td> <td>(f)</td> <td>20-07.0N</td> <td>086-46.0E</td> </tr> <tr> <td>(g)</td> <td>18-24.0N</td> <td>087-25.0E</td> <td></td> <td></td> <td></td> </tr> </table> <p>2. Vessel towing 02 of 10500 metres long streamer cable attached to a yellow coloured tail buoy with white flashing light.</p> <p>3. All vessels operating in vicinity to give 06 NM clearance and exercise caution.</p> <p>4. Cancel this message on 16 Apr 2009.</p>	(a)	15-58.0N	084-52.0E	(b)	18-28.0N	084-27.0E	(c)	18-43.0N	084-47.0E	(d)	18-37.0N	086-11.0E	(e)	19-43.0N	086-12.0E	(f)	20-07.0N	086-46.0E	(g)	18-24.0N	087-25.0E									
(a)	15-58.0N	084-52.0E	(b)	18-28.0N	084-27.0E																									
(c)	18-43.0N	084-47.0E	(d)	18-37.0N	086-11.0E																									
(e)	19-43.0N	086-12.0E	(f)	20-07.0N	086-46.0E																									
(g)	18-24.0N	087-25.0E																												
<p>179. India West Coast- Off Mumbai. Charts 21 22 211 255 292 293 INT 705. Hydrographic Survey in progress by Naval Hydrographic vessel till 31 May 2009 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>18-51.68N</td> <td>072-34.43E</td> <td>(b)</td> <td>19-57.02N</td> <td>072-21.05E</td> </tr> <tr> <td>(c)</td> <td>20-10.43N</td> <td>071-38.32E</td> <td>(d)</td> <td>20-27.90N</td> <td>071-38.31E</td> </tr> <tr> <td>(e)</td> <td>20-28.08N</td> <td>071-35.45E</td> <td>(f)</td> <td>20-10.88N</td> <td>071-35.45E</td> </tr> <tr> <td>(g)</td> <td>20-08.30N</td> <td>071-35.98E</td> <td>(h)</td> <td>19-54.90N</td> <td>072-18.68E</td> </tr> <tr> <td>(j)</td> <td>18-51.95N</td> <td>072-31.87E</td> <td>(k)</td> <td>18-51.68N</td> <td>072-34.43E</td> </tr> </table> <p>2. Mariners to exercise caution.</p> <p>4. Cancel this message on 01 Jun 2009.</p>	(a)	18-51.68N	072-34.43E	(b)	19-57.02N	072-21.05E	(c)	20-10.43N	071-38.32E	(d)	20-27.90N	071-38.31E	(e)	20-28.08N	071-35.45E	(f)	20-10.88N	071-35.45E	(g)	20-08.30N	071-35.98E	(h)	19-54.90N	072-18.68E	(j)	18-51.95N	072-31.87E	(k)	18-51.68N	072-34.43E
(a)	18-51.68N	072-34.43E	(b)	19-57.02N	072-21.05E																									
(c)	20-10.43N	071-38.32E	(d)	20-27.90N	071-38.31E																									
(e)	20-28.08N	071-35.45E	(f)	20-10.88N	071-35.45E																									
(g)	20-08.30N	071-35.98E	(h)	19-54.90N	072-18.68E																									
(j)	18-51.95N	072-31.87E	(k)	18-51.68N	072-34.43E																									
<p>180. Andaman Sea – Hutbay to Car Nicobar. Charts 33 41 406 407 472 4010 4032 INT 706. Man Overboard Reported by MV Sentinel whilst on passage from Hutbay 10-16.40N., 092-37.80E to Car Nicobar 09-15.30N., 092-45.40E.</p> <p>2. All vessels operating in vicinity to keep sharp lookout and render assistance.</p>																														
<p>181. India West Coast – Off Karwar. Charts 22 215 257 293 INT 705. Man Overboard reported by Naval Ship in position 14-51.20N., 073-22.90E at 0330 UTC on 12 Apr 2009.</p> <p>2. All vessels operating in vicinity to keep a sharp lookout and render assistance.</p>																														
<p>182. India West Coast-Off Mumbai. Charts 21 211 255 292 293 INT 705. Fishing boat Mauli adrift in position 18-52.7N., 072-21.5E.</p> <p>2. Mariners to exercise caution.</p>																														
<p>183. Andaman Sea – India Andaman Islands. Charts 33 41 404 405 473 4006 4016 INT 706. Firing practice by Naval Coast Battery at Ross Island between 0730 UTC to 0930 UTC on 22 Apr 2009. Danger area 15 NM seaward around 11-40.6N 092-46.0E.</p> <p>2. Safe flying height 9000 meters.</p> <p>3. Cancel this message on 23 Apr 2009 .</p>																														

184. Indian Ocean – Bay of Bengal. Charts 32 33 41 313 356 357 INT 71 INT 706. PSLV-C 12 Rocket Launching scheduled from launch pad 13-43.2N 080-13.8E between 0045 UTC to 0345 UTC from 20 Apr to 18 May 2009.

2. Danger area as follows

- (a) Danger Zone–1. Circle of 10 nm around the launcher
- (b) Danger Zone–2. Area bounded by following points
- | | | | | | |
|-------|----------|-----------|------|----------|-----------|
| (i) | 12-55.0N | 081-40.0E | (ii) | 12-55.0N | 083-40.0E |
| (iii) | 13-55.0N | 083-40.0E | (iv) | 13-55.0N | 081-40.0E |
- (c) Danger Zone -3. Area bounded by following points
- | | | | | | |
|-------|----------|-----------|------|----------|-----------|
| (i) | 12-00.0N | 086-50.0E | (ii) | 12-00.0N | 087-20.0E |
| (iii) | 12-45.0N | 087-20.0E | (iv) | 12-45.0N | 086-50.0E |
- (d) Danger Zone – 4. Area bounded by following points
- | | | | | | |
|-------|----------|-----------|------|----------|-----------|
| (i) | 10-00.0N | 095-00.0E | (ii) | 10-00.0N | 095-30.0E |
| (iii) | 11-00.0N | 095-30.0E | (iv) | 11-00.0N | 095-00.0E |
- (e) Danger Zone – 5. Area bounded by following points
- | | | | | | |
|-------|----------|-----------|------|----------|-----------|
| (i) | 20-20.0S | 127-00.0W | (ii) | 22-20.0S | 127-00.0W |
| (iii) | 23-15.0S | 112-00.0W | (iv) | 21-15.0S | 112-00.0W |

3. Mariners to exercise caution.

4. Cancel this message on 19 May 2009.

185. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval Coast Battery from 0900 UTC to 1200 UTC and 1230 UTC to 1430 UTC on 24 Apr and 28 Apr 2009 respectively. Danger area bounded by:

- | | | | | | |
|-----|-----------|------------|-----|-----------|------------|
| (a) | 09-58.08N | 076-13.94E | (b) | 09-58.08N | 075-59.94E |
| (c) | 09-43.08N | 075-59.94E | (d) | 09-44.08N | 076-17.94E |

2. Safe flying height 10000 meters

3. Cancel this message on 29 Apr 2009

186. Self Cancelling. Cancel NAVAREA VIII Message 169 of 2009.

<u>NAVAREA No.</u>	<u>LOCATION</u>	<u>LAST NAVAREA</u>	<u>NAVAREA IN FORCE</u>
IX	Persian Gulf, Red Sea, NW Arabian Sea	075	2007 Series: 062 095 155 172 200 212. 2008 Series: 022 027 044 045 046 051 061 069 089 105 107 128 176 179 182 191 202 207 211 213 216 244. 2009 Series: 001 002 009 010 024 035 040 043 047 048 060 061 062 067 070 072 075.
X	Australia, New Guinea	088	2009 Series: 044 048 056 058 060 061 066 067 068 072 076 077 078 080 083 084 085 086 088.
XI	Malacca Strait, China Sea, N. Pacific	0225	2001 Series: 0775. 2003 Series: 0106. 2004 Series: 0361. 2005 Series: 0307. 2007 Series: 0002 0093 0133 0309 0344 0366 0513 0519 0523 0557 2008 Series: 0004 0006 0011 0018 0054 0113 0160 0210 0219 0322 0336 0347 0348 0349 0350 0352 0375 0380 0384 0398 0411 0412 0475 0618 0675 0677. 2009 Series: 0078 0079 0120 0125 0151 0171 0183 0185 0186 0187 0188 0202 0214 0215 0216 0217 0218 0219 0220 0221 0222 0223 0224 0225.
XII	N.E. Pacific	182	2009 Series: Nil
XIII	N.W. Pacific	053 of 08	2009 Series: Nil
XIV	S.W. Pacific	014	2008 Series: 085. 2009 Series: 002 011 012 013 014.
XV	S.E. Pacific	021	2009 Series: 021
XVI	E. Pacific	039	2009 Series: Nil
Hydropacs	Pacific, Indian Ocean	704	2008 Series: 1140 1141 1473. 2009 Series: 687
Hydroplants	Atlantic, Mediterranean	666	2008 Series: 300. 2009 Series: 327 602

SECTION – VI: CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

West Coast of India Pilot (INP-1) Chapter 8 (Page-248 & 249)

Article 8.79, Para 1, Line 1:

*Delete position '(20° 43'N, 71° 59'E)' and replace
by '(20° 42'.8N, 70° 59'.8E)'.*

Article 8.80, Para 5, Line 3:

*Delete position '(20° 42'.9N, 71° 59'.9E)' and
replace by '(20° 42'.9N, 70° 59'.9E)'.*

Article 8.80, Para 6, Line 2:

*Delete position '(20° 43'.1N, 71° 59'.8E)' and
replace by '(20° 43'.1N, 70° 59'.8E)'.*

Article 8.81, Para 2, Line 2:

*Delete position '(20° 42'.8N, 71° 59'.8E)' and
replace by '(20° 42'.8N, 70° 59'.8E)'.*

Article 8.82,

Insert new Para after Para 2:

3 Port Authority.

Shri PK Solanki
Port officer
Marine Department
Diu
Ph: +91 2875 252263

Article 8.90,

Insert new Para after Para 1:

2 Port Authority.

Shri UM Bera
Deputy Chief Engineer
Bandar Chock
Gujarat Maritime Board
Jafrabad
Ph: +91 2794 245443
+91 2794 245165
Email: pojfd@rediffmail.com

Article 8.80, Para 5,

Insert photograph before line 2:



(Photo Courtesy: INS Jamuna)

Couraca Light (F0424)

Article 8.80, Para 6,

Insert photograph before line 1:



(Photo Courtesy: INS Jamuna)

Forte Do Mar Light (F0422)

Article 8.81, Para 2,
Insert photograph before line 1:



(Photo Courtesy: INS Jamuna)

Cavaleiro Lighthouse (F0420)

Article 8.92,
Insert photograph after Para 1:



(Photo Courtesy: INS Jamuna)

Nawabandar Lighthouse (F0426)

West Coast of India Pilot (INP-1)
Chapter 8 (Article 8.111)

Article 8.111,

Insert new Para after Para 5:

6 Vessels sailing out of port should make good a SSW'ly course soon after clearing the buoyed channel. This is specially to counter the significant eastward drift that prevails at the roads during flood tide and will help departing vessels to avoid close quarter situations with vessels anchored or approaching to anchor eastward of the channel entrance.

Article 8.111,

Renumber Para 6 & Para 7 to Para 7 & Para 8.

Pipavav Port

08/09

SECTION – VII: CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D6472	- ENTRANCE CHANNEL. Ldg Lts 215°30'. Front	29 53-1 S 31 02-7 E	Iso R 2s	21	12	Orange Δ on grey tower	TE until March 2010 (T) 2009
	----	..	Dir F WRG	14	W4-8 R3-2 G3-1	..	G213-2°-214-2°(1°). Al WG214-2°-215-3°(1-1°), W215-3°-215-7°(0-4°). Al WR215-7°-216-8°(1-1°), R216-8°-217-8°(1°). Shown 24 hours. To replace D6472 - D6472-1 until further notice (T) 2009 *
D6472-1	- ENTRANCE CHANNEL LdgLts 215°30'. Rear. 1040m from front	29 53-5 S 31 02-4 E	Oc W 4s	43	14	Orange ∇ on grey tower	TE until March 2010 (T) 2009 *
D7292	Remove from list						
D7292-1	Remove from list						
D9178-85	-Ras Laffan. CALM 1	26 00-6 N 52 03-7 E	Mo(U)W 5s	..	5	Superbuoy	
	---	..	Horn Mo(U) 30s				*
D9178-86	-Ras Laffan. CALM 2	26 00-7 N 52 04-9 E	Mo(U)W 5s	..	5	Superbuoy	
---	..	Horn Mo(U) 30s					*
D9247	- Central facilities platform	24 30-3 N 53 42-2 E	Mo(U)W 15s	..	6	Platform	Numerous installations, some marked by lights and fog signals, exist in this field
	--	..	Horn Mo(U) 30s				*
D9247-5	- MR-6	24 35-8 N 53 43-8 E	Lit	..	..	..	Numerous installations, some marked by lights and fog signals, exist in this field
	*	*	*	*	*	*	*
D9248	- CD-1	24 32-0 N 53 49-7 E	Lit	..	..	..	Numerous installations, some marked by lights and fog signals, exist in this field
	*	*	*	*	*	*	*
E6019	Sha'b Ātāqah	29 53-1 N 32 29-4 E	Oc G 3s	11	3	White framework tower, black bands	*
E6037	Jazīrat Shākir. SE Point	27 27-2 N 34 02-2 E	Fl(2)W 20s	37	22	White round stone tower, black stripe, white dwelling, black stripes	Vis 187°-100°(273°). TE 2009
	--	..	Racon	..	..	..	ILRS Vol 2 Station 74330. TD 2009 *

F0652	- S side of river entrance	13 37.3N 74 40.4E	Fl(2)W10s	35	18	Circular RCC tower Red and White Bands 32	
			*				
F0755	Androth Island E end	10 48.9N 73 42.1E	Fl (2)W 10s	35	16	White square masonry tower, black bands 33	<i>fl 0.5, ec 1, fl 0.5, ec 8</i>
	--	..	Racon	..	..	..	ILRS Vol 2 Station 79050
		*					*
F0755.2	- W end	10 49.0N 73 39.7E	Fl W 15s	15	16	White concrete column 10	Vis (247°- 041°) 154°
		*					*
F0938	Remove from list						
F1165	Ko Luk Kam Tai (Double Island)	9 27.4 N 98 19.7 E	Fl W 8s	97	15	White metal framework tower 15	<i>fl 0.5</i>
		*					*
F1521-8	- PGB 4	5 22.6 N 100 22.1 E	Q W	10	6	White ○, black column, on piles	TE 2009
		*					*
F1523-7	- PGB 3	5 22.8 N 100 20.2 E	Fl W 3s	10	6	White ○, black column, on piles	TE 2009
		*					*
F1525-2	- PGB 2	5 22.9 N 100 19.6 E	Q R	10	6	White ○, black column, on piles	TE 2009
		*					*
F1525-3	- PGB 1	5 22.9 N 100 19.3 E	Fl G 3s	10	7	White ○, black column, on piles	TE 2009
		*					*
F1700-82	- Pulau Seraya	1 17.4 N 103 43.5 E	Q W				
*	*	*	*	*	*	*	*
F1787	- Terkulai Island. SSE	0 56.2 N 104 21.2 E	Fl R 6s	9	6	Red □ on red pipe 6	<i>fl 0.6. TE 2009</i>
							*
K0874-5	Pulau Cingkuk Besar (I)	1 21.3 S 100 33.3 E	Fl W 4s	30	12	White beacon 20	<i>fl 0.5</i>
*	*	*	*	*	*	*	*
K1024-1	Remove from list						
K1033-6	Remove from list. Replaced by BRB light buoy						
K1054	Pulau Tunda . S side (I)	5 48.9 S 106 16.9 E	LFl W 6s	32	15	White metal frame work tower 30	<i>fl 2. Vis 273°-100°(187°)</i>
							*
K1058	Pulau Payung Besar. S end (I)	5 49.4 S 106 33.2 E	LFl W 10s	32	10	White metal framework tower 30	Partially obscured 113°-264°(151°)
			*				*

SECTION – VIII: CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

(Last correction: Edition No. 07 dated 01 Apr 2009)

NIL

INP 31(2), 2007

(Last correction: Edition No. 07 dated 01 Apr 2009)

PAGE 24, SAUDI ARABIA (Red Sea Coast) section.

76010 Jizan North Lt Buoy.

Delete position and replace by: 16°56'76N 41°17'45E

BA 13/09

08/09

PAGE 33, India section.

79140 Chennai (Madras) Harbour Lt Racon

Delete Entry.

NHO Dehradun

08/09

BA, VOLUME 3 Part 1, NP 283(1), 2006/07

(Last correction: Edition No. 15 dated 01Aug 2006)

NIL

INP 31(5), 1997

(Last correction: Edition No. 07 dated 01 Apr 09)

NIL

INP 31(6), 2005

(Last correction: Edition No. 07 dated 01 Apr 2009)

PAGE 68, QATAR, RA'S LAFFĀN, Pilots and Port, PROCEDURE.

Delete section (7) and replace by:

(7) **Pilot boards** in the following positions:

(a) Port: 25°54'90N 51°43'10E

(b) SPM: 25°59'00N 52°06'00E

BA 13/09

08/09

INP-31(2), Edition-2007, Page-79, Diagram-BEACONS TRANSMITTING DGPS,
Delete existing diagram and replace by diagram given below:



SECTION – IX: REPORTING OF NAVIGATIONAL DANGERS

Instructions for raising Hydrographic Note (Form IH 102) [Enclosed with editions 1,7,13 & 19 of N to M]

Appeal to all Mariners:

1. Mariners at sea whilst on passage, or whilst entering / leaving ports / harbours and other waterways, are requested to look out for new or suspected dangers to navigation, changes in aids to navigation, or corrections to published charts and Sailing Directions. Whenever any such changes / dangers are observed, mariners are requested to notify the same to the Chief Hydrographer to the Government of India at the following address: -

National Hydrographic Office
107-A, Rajpur Road,
Post Box No. 75, Dehradun - 248 001
(UTTARAKHAND), INDIA
e-mail: - inho@dataone.in; inho_marinesafety@dataone.in
 in角度_navwarnings@dataone.in; inho_helpdesk@dataone.in
Fax No.: (0135) 2748373
WEB: www.hydrobharat.nic.in

Instructions for filling up Form IH 102 (Enclosed with editions 1,7,13 & 19 of N to M)

2. Kindly follow the instructions below in order to help the Hydrographic Office (the recipient) to quickly issue NAVAREA warning / Notice to Mariners for the benefit of all other mariners at sea.

Position Reporting

3. When a position is defined by bearings (true or magnetic to be specified) more than two bearings should be used in order to provide a check. Distances observed by Radar should be corrected for index errors. Latitude and Longitude obtained from GPS / DGPS should specify the datum (WGS 84 or other). A copy / tracing from the largest scale chart may be used for forwarding details, with the corrections and additions being shown thereon in red.

Depth Reporting

4. When soundings are obtained using Echo Sounders, the echo-gram should be duly annotated with date, time, position and depth, etc., before enclosing it with the Form IH 102. It is important to state whether echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given. Time and date should be given in order that corrections for the height of the tide may be applied where necessary. The make, name and type of echo sounder should also be given. Care should be taken to set the echo sounder to the largest scale / phase, so as to obtain maximum details of echo of the feature. Efforts should be made to identify and negate false echoes if any.

5. Reports, which cannot be confirmed or are lacking in certain details should not be withheld. Limitations or shortcomings should be duly notified in the form.

6. Reports on shoal soundings, uncharted dangers and navigational aids out of order should be reported through fastest available means at the mariner's discretion, and also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 50 metres should be of sufficient importance to justify a radio message.

7. Port information should be forwarded on form IH 102a together with IH 102. Form 102a contains the information required for Sailing Direction and should be used as an *aide memoir*. Where there is insufficient space on the form, additional sheet should be used.

Please Note: - The receipt of all Hydrographic Notes will be duly acknowledged by the Hydrographic Office. Normally, the sender's ship or name is quoted as the source when the Notices to Mariners reporting the change is issued, unless the information is received through a foreign Notices to Mariners. Further communication from the Hydrographic Office to the sender of the hydrographic note will only be necessary to verify unusual features or abnormal values reported.

To accompany Indian Notice to Mariners 162/09

Chart 3012(INT 7411)

FISHING HARBOUR

Numbers of Wrecks are found in the fishing harbor, Mariners are advised to exercise caution.